Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Saturday 26 Aug 2023 until 23:59 on Sunday 27 Aug 2023

Forecast Issued on Saturday 26 Aug 2023 at 02:48

Confidence: High confidence for changeable and showery conditions. Low for distribution and timing of showers and thunderstorms, and also for the arrival of the rain on Tuesday.

Headline for Saturday 26 Aug 2023: Frequent slow-moving, heavy and potentially thundery showers.

Mountain weather hazards on Saturday 26 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Light rain showers	Heavy rain showers	Light rain showers	Cloudy	Partly cloudy (night)
Precipitation probability					
60%	60%	60%	60%	40%	20%

Forecast for Saturday 26 Aug 2023

Weather: Extensive cloud should encroach from the northwest through the early hours, with outbreaks of drizzle and occasional showers. These will develop during the morning to become heavier and thundery, perhaps accompanied by small hail in places. Showers should become more scattered in the afternoon, before easing later to give an increasingly fine evening with clearing skies. Mist patches may form in prone locations towards midnight.

Chance of cloud-free hill tops above 600m: 10-20% becoming 90%, but note risk of thunderstorms especially.

Low cloud and visibility: Extensive cloud down to 400 metres early on, with ragged areas below this at first. Cloud should lift and overturn with time, clearing the highest peaks by late morning. Visibility good, but often showing significant deterioration given prevailing weather conditions.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 26 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 SW	11/14 W	9/13 W	7/9 W	5/7 NW	5/7 W	5/8 NW
300	9/13 SW	7/10 SW	7/11 W	7/10 W	4/6 NW	4/6 SW	4/6 SW
Valley	6/12 SW	5/9 SW	6/10 W	6/10 W	3/6 N	3/5 N	2/5 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/6	10/7	10/8	11/10	11/10	10/9	9/8
300	10/9	11/10	13/12	14/13	13/13	12/12	11/11
Valley	11/10	12/12	14/13	15/14	14/14	12/12	11/10
Freezing Level*	2000m	2000m	2000m	2000m	2100m	2100m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Risk of heavy and thundery downpours making footpaths and rock surfaces slippery with some watercourses becoming swollen.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 26 Aug 2023	0mm	1mm	2mm

Forecast for Sunday 27 Aug 2023

Weather: Fine in the early hours and into daybreak, however a swathe of cloud and heavy showers should spread in from the west towards lunch, perhaps preceded and followed by home-grown heavy and potentially thundery showers once again. Showers should eventually fade later in the afternoon, with cloud breaking for a time, in advance of more extensive cloud making inroads from the west during the evening.

Maximum wind: Strengthening northwesterly 15mph.

Chance of cloud-free hill tops above 600m: 30% improving 90%

Low cloud and visibility: Extensive cloud around 400 metres should thin, lift and break to clear the highest ground by around lunchtime.

Temperature: **Valleys:** Plus 7 becoming 19 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.

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